


<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER  <div style="text-align: center; font-size: 1.2em;">016906-0524</div>
INTERNATIONAL APPLICATION NO. PCT/EP2004/013832	INTERNATIONAL FILING DATE 12/6/2004	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/585,665  PRIORITY DATE CLAIMED 1/7/2004
TITLE OF INVENTION HEAT EXCHANGER		
APPLICANT(S) FOR DO/EO/US Wolfgang KRAMER		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<div style="padding-left: 10px;">           1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.            2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.            3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.            4. <input type="checkbox"/> The US has been elected (Article 31).            5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))                <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).                <input type="checkbox"/> has been communicated by the International Bureau.                <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)            6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).                <input type="checkbox"/> is attached hereto.                <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).            7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))                <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).                <input type="checkbox"/> have been communicated by the International Bureau.                <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.                <input type="checkbox"/> have not been made and will not be made.            8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).            9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).            10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).         </div>		
<b>Items 11 to 20 below concern other document(s) or information included:</b>		
<div style="padding-left: 10px;">           11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.            12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.            13. <input type="checkbox"/> A preliminary amendment.            14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.            15. <input type="checkbox"/> A substitute specification.            16. <input type="checkbox"/> A power of attorney and/or change of address letter.            17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825            18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).            19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).            20. <input type="checkbox"/> Other items or information:         </div>		

FORM PTO-1390 (Modified)

U.S. APPLICATION NO. (If known, see 37 CFR. 1.5) 10/585,665		INTERNATIONAL APPLICATION NO. PCT/EP2004/013832		ATTORNEY'S DOCKET NUMBER 016906-0524	
The following fees have been submitted:					
21.	<input type="checkbox"/> Basic national fee	\$310		\$	0.00
22.	<input type="checkbox"/> Examination fee				
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)			\$100	\$	0.00
All other situations			\$210		
23.	<input type="checkbox"/> Search fee				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$100		
International Search Report prepared and provided to the Office			\$410		
All other situations			\$510	\$	0.00
TOTAL OF ABOVE 21, 22 and 23 =				\$	0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	0	/50 =	0	x \$260.00	\$ 0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))				\$	130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total Claims	- 20 =	0	x \$ 50.00	\$	0.00
Independent Claims	- 3 =	0	x \$ 210.00	\$	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 370.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	0.00
SUBTOTAL =				\$	130.00
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	130.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$	130.00
				Amount to be refunded:	
				charged:	
a. <input type="checkbox"/> A check in the amount of \$130 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of 130 to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u> . A duplicate copy of this sheet is enclosed.					
d. <input checked="" type="checkbox"/> Fees are to be charge to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b>					
SEND ALL CORRESPONDENCE TO:					
Foley & Lardner LLP				SIGNATURE	
Customer Number: 22428				Richard L. Schwaab	
				NAME	
				25,479	
				REGISTRATION NUMBER	